

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	16896	(313/627-643,567,111-117,25-27,318.01-318.09 439/615,739 445/24,26,29,22).cdls.	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/06 16:50
S2	4692872	@ad< "20040409"	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/06 17:01
S3	692	lamp and power and ceramic and electrode and sodium and discharge and wall and load\$3 and (diameter radius) and temperature	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/06 17:03
S4	107	S1 and S2 and S3	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/06 17:03
S5	44	S4 and ("high pressure sodium")	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/06 17:06
S6	2	S5 and "nominal power"	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/06 17:09
S7	6	("4191910" "4475061" "5677602" "5814944" "3906272" "4253037").pn.	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 06:15
S8	16896	(313/627-643,567,111-117,25-27,318.01-318.09 439/615,739 445/24,26,29,22).cdls.	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 06:49
S9	4692872	@ad< "20040409"	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 06:49
S10	692	lamp and power and ceramic and electrode and sodium and discharge and wall and load\$3 and (diameter radius) and temperature	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 06:49
S11	107	S8 and S9 and S10	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 06:49
S12	55	S11 and (electrode with distance) and ((vessel tube) with (diameter radius))	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 06:49
S13	50	S11 and (wall with thick \$4)	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 07:19
S14	43	S13 and sodium and "high pressure"	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 07:20
S15	27	S13 and (sodium with "high pressure")	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 08:00

S16	7	S15 and "wall loading"	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 08:00
S17	16	S15 and (wall adj load\$3)	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 08:01
S18	23	S11 and amalgam	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 08:30
S19	3	S10 and (( "mole fraction" ) with ( sodium "Na" ))	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 08:40
S20	52	S10 and (pressure with "Xe")	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 08:58
S21	38	S20 and @ad<"20040409"	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 08:59
S22	29	S14 and "color temperature"	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 10:27
S23	0	S11 and ("color temperature" with "2400")	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 10:30
S24	1	S10 and (electronic with driver with VHF)	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 11:20
S25	3	S10 and (electronic with driver)	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 11:21
S26	190	lamp and sodium and "high pressure" and (electronic with driver)	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 11:24
S27	156	S26 and @ad<"20040409"	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 11:24
S28	109	S27 and (VHF "MHz")	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 11:27
S29	5	(lamp with "VHF" with driver)	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 11:31
S30	652	(lamp with electronic with driver)	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 11:32
S31	1	S30 and ("VHF")	US-PGPUB; USPAT; USOOR; FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 11:33

S32	18	S30 and "MHz"	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 11:33
S33	7	(lamp with "VHF" with ballast)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 11:40
S34	59	("resonant ignition")	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 11:49
S35	29	S34 and @ad<"20040409"	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 11:49
S36	29	S9 and "resonant ignition"	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 12:03
S37	2	S36 and ("VHF" "very high frequency" "Mhz")	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 12:03
S38	3	S34 and ("VHF" "very high frequency" "Mhz")	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 12:06
S39	1	("VHF ballast")	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 12:08
S40	1	("VHF ballast")	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 12:08
S41	5	("VHF driver")	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 12:09
S42	384	S9 and (lamp with electronic with driver)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 12:11
S43	27	S42 and sodium	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 12:12

S44	853	S3 and S9 and (electrode with (diameter radius)) and (current amps)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 12:51
S45	100	S44 and (sodium with "high pressure")	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 12:53
S46	0	S45 and ("average lamp current")	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 12:57
S47	0	S45 and ("nominal lamp current")	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 12:58
S48	33	S45 and ("lamp current")	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/07 12:58
S49	7	("20050052139" "20040051472" "20050073256" "6525476" "4970431" "6791267" "5153482" ).pn.	US-PGPUB; USPAT; USOOR	OR	ON	2008/05/07 14:47
S50	25	(stuer.in. with cindy) ("Janczak.in" with jerzy) (Herremans.in. with Hannelore) (Hendrix.in. with josephus)	US-PGPUB; USPAT; USOOR	OR	ON	2008/09/30 14:12
S51	17227	(313/627-643,567,111-117,25-27,318.01-318.09 439/615,739 445/24,26,29,22).cds.	US-PGPUB; USPAT; USOOR	OR	ON	2008/09/30 14:17
S52	7273	S51 and @ad<"20040409"	US-PGPUB; USPAT; USOOR	OR	ON	2008/09/30 14:18
S53	322	S52 and (lamp and power and ceramic and electrode and sodium and discharge and (diameter radius))	US-PGPUB; USPAT; USOOR	OR	ON	2008/09/30 14:19
S54	86	S53 and ((diameter radius) with power)	US-PGPUB; USPAT; USOOR	OR	ON	2008/09/30 14:21

S55	181	S53 and ((diameter radius) with electrode)	US-PGPUB; USPAT; USOOR	OR	ON	2008/09/30 14:46
S56	0	S53 and ((diameter radius) with electrode with mutal)	US-PGPUB; USPAT; USOOR	OR	ON	2008/09/30 14:46
S57	71	S53 and ((diameter radius) with electrode with (distance separation))	US-PGPUB; USPAT; USOOR	OR	ON	2008/09/30 14:46
S58	17260	(313/627-643,567,111-117,25-27,318.01-318.09 439/615,739 445/24,26,29,22).cds.	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 06:11
S59	7275	S58 and @ad<"20040409"	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 06:11
S60	314	S59 and ((wall near1 thick \$4) with "mm")	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 06:11
S61	116	S60 and sodium	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 06:13
S62	1	"6833677".pn.	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 06:56
S63	17260	(313/627-643,567,111-117,25-27,318.01-318.09 439/615,739 445/24,26,29,22).cds.	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 09:15
S64	7275	S63 and @ad<"20040409"	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 09:15
S65	0	S64 and ((mol near2 fraction) with sodium)	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 09:15
S66	1581	S64 and sodium	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 09:16
S67	304	S66 and ("mol")	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 09:16
S68	40	S67 and ("mol" with sodium)	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 09:16
S69	43	((mol near2 fraction) with sodium)	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 09:42
S70	18	S69 and @ad<"20040409"	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 09:42
S71	1	S70 and lamp	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 09:42
S72	4930	("smf")	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 09:43

S73	33	S72 and lamp and sodium	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/09 09:43
S74	28	S73 and @ad<"20040409"	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 09:43
S75	35	(sodium with amalgam with mol)	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 09:45
S76	12	S75 and @ad<"20040409"	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 09:45
S77	2	("4344018" "20020185979" ).pn.	US-PGPUB; USPAT; USOOR	OR	ON	2008/10/09 10:27
S78	26	(stuer.in. with cindy) ("Janczak.in" with jerzy) (Herremans.in. with Hannelore) (Hendrix.in. with josephus)	US-PGPUB; USPAT; USOOR	OR	ON	2009/01/23 06:50
S79	2	S78 and (mutual electrode distance nominal lamp power range).clm.	US-PGPUB; USPAT; USOOR	AND	ON	2009/01/23 06:53
S80	42	(sodium with amalgam with mol)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 06:55
S81	13	S80 and (mol near1 ("% per\$1cent\$3))	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 06:56
S82	288	(electrode near3 (separation spac\$4 gap distance)) with (lamp near3 power)	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 07:00
S83	17467	(313/627-643,567,111- 117,25-27,318.01-318.09 439/615,739 445/24,26,29,22).cls.	US-PGPUB; USPAT; USOOR	OR	ON	2009/01/23 07:00
S84	125	S83 and S82	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/23 07:00
S85	94	S84 and @ad<"20040409"	US-PGPUB; USPAT; USOOR	OR	ON	2009/01/23 07:01

S86	1	"4253037".pn.	US-PGPUB; USPAT; USOOR	OR	ON	2009/01/26 11:21
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